| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|---|---|---------------------|---------|------------------|
| S1 | 3809 | direct adj access adj storage adj device | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2002/08/28 08:34 |
| S2 | 859 | (direct adj access adj storage adj device) and algorithm | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2002/08/15 11:33 |
| S3 | 122 | requestor and position and sorting | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:05 |
| S4 | 48 | (access adj4 requests) and requestor and position and sorting | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2002/08/15 11:49 |
| S5 | , 21 | (access adj4 requests) NEAR5 sorting | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2002/08/20 14:40 |
| S6 | 82 | (access NEAR5 scheduling) and sorting | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2002/08/20 14:40 |
| S7 | 2353 | sorting near5 position | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:06 |
| S8 | 4 | sorting near5 requestor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2002/08/26 09:40 |
| S9 | 10 | (sorting near5 position) and algorithm and (access adj3 requests) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2002/08/20 14:44 |

| S10 | 212 | (sorting near5 position) and algorithm | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2002/08/20 14:54 |
|-----|-----|---|---|----|----|------------------|
| S11 | 13 | ("3623006" "3702462" "4403286" "4604687" "4680703" "4831541" "4858108" "4875155" "4888691" "4901232" "4949245" "4979108" "5140683").PN. | USPAT | OR | ON | 2002/08/23 13:08 |
| S12 | 905 | sorting near5 user | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2002/08/26 10:25 |
| S13 | 3 | sorting near5 requester | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2002/08/26 09:40 |
| S14 | 38 | (sorting near5 (user or requestor or requester)) and (access adj4 requests) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 08:41 |
| S15 | 130 | match near5 (requestor or requester) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2002/08/28 11:43 |
| S16 | 33 | match near5 (requestor or requester) and queue | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2002/08/28 11:44 |
| S17 | 2 | (troy adj2 armstrong).in. (michael adj2 faunce).in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2002/09/05 09:56 |
| S18 | 7 | (troy NEAR2 armstrong).in. (michael NEAR2 faunce).in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2002/09/05 09:56 |
| S19 | 2 | "5644786".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/07/07 18:26 |

Search History 9/22/05 2:45:56 PM Page 2 C:\Documents and Settings\JSchneider\My Documents\EAST\Workspaces\09456211.wsp

| S20 | 2 | "5931912".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/07/07 18:27 |
|-----|--------|---|---|----|----|------------------|
| S29 | 128688 | (sort\$5 or order\$5) near5 (user or request\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:12 |
| S30 | 251833 | (sort\$5 or order\$5) near5 (rotation\$5 or position\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:32 |
| S31 | 257872 | (sort\$5 or order\$5) near5 first | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 08:42 |
| S32 | 211012 | (sort\$5 or order\$5) near5 second | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 08:42 |
| S33 | 67390 | S31 same S32 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:00 |
| S34 | 3794 | S29 same S30 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB | OR | ON | 2005/09/22 09:06 |
| S35 | 271 | S33 and S34 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 08:43 |
| S36 | 45 | S33 same S34 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 08:47 |
| S37 | 30 | S35 and (access\$5 near3 request\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:07 |

| S38 | 60383 | S31 with S32 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:00 |
|-----|--------|--|---|----|----|------------------|
| S39 | 43 | fair\$5 near3 elevator | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:30 |
| S40 | 2 | requestor same position same sorting | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:05 |
| S41 | 3235 | S29 with S30 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:06 |
| S42 | 186 | S38 and S41 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:06 |
| S43 | 3990 | S29 same (access\$5 near3 request\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 10:08 |
| S44 | 38 | S41 same (access\$5 near3 request\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:31 |
| S45 | 95 | S38 same (access\$5 near3 request\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:07 |
| S46 | 252011 | (sort\$5 or order\$5) near5 (rotation\$5 or position\$5 or (seek\$3 adj time)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:10 |
| S47 | 266 | (sort\$5 or order\$5) near5 (seek\$3 adj time) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:11 |

| S48 | 26 | S29 same S47 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:11 |
|-----|--------|---|---|----|----|------------------|
| S49 | 100247 | (sort\$5 or order\$5) near5 (user or request\$1r) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:17 |
| S50 | 2 | "5761692".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:13 |
| S51 | 29 | S47 and S49 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:17 |
| S52 | 145 | fair\$5 with elevator | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:30 |
| S53 | 0 | S52 and (access\$5 near3 request\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:33 |
| S54 | 94 | S52 and drive | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:31 |
| S55 | 1 | S52 and disk near3 drive | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:34 |
| S56 | 131256 | (sort\$5 or order\$5) with (rotation\$5 or (position\$5 near5 (head or drive))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:33 |
| S57 | 3569 | S56 and S49 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:33 |

| S58 | 794 | S56 same S49 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:33 |
|-----|-------|--------------------------------------|---|----|----|------------------|
| S59 | 17 | S58 and (access\$5 near3 request\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:34 |
| S60 | 62 | S58 and disk near3 drive | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:34 |
| S61 | 74 | first adj ordered adj set | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 10:06 |
| S62 | 52 | second adj ordered adj set | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:48 |
| S63 | 43 | S61 and S62 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:48 |
| S64 | 6551 | first adj subset | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:54 |
| S65 | 11802 | first near3 subset | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:54 |
| S66 | 9991 | second near3 subset | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:54 |
| S67 | 6190 | S65 with S66 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:54 |

| S69 | 38 | S67 and DASD | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 09:55 |
|-----|-------|---------------------------------------|---|------|----|------------------|
| S70 | 22524 | first with sort\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR . | ON | 2005/09/22 10:07 |
| S71 | 9506 | second with sort\$ with first | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 10:06 |
| S72 | 9506 | S70 and S71 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 10:07 |
| S73 | 16739 | first with sort\$ not with second | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 10:07 |
| S74 | 3721 | S71 and S73 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 10:07 |
| S75 | 916 | S71 same S73 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 10:07 |
| S76 | 17 | S75 and (access\$5 near3 request\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 10:10 |
| S77 | 1 | S75 same (access\$5 near3 request\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 10:08 |
| S78 | 10 | S75 and dasd | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 10:12 |

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|---------|-------|---|---|----|----|------------------|
| S79 | 12174 | first near3 queu\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 11:45 |
| S80 | 5901 | second near3 queu\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 10:12 |
| S81 | 623 | S79 same S80 same (sort\$5 or order\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 10:51 |
| S82 | 345 | S81 and @ad>="19991207" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 10:15 |
| S83 | 330 | S81 and @ad>="19991207" | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2005/09/22 10:17 |
| S84 | 244 | S81 and @ad<="19991207" | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2005/09/22 10:18 |
| S85 | 187 | first near3 queu\$5 with sort\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 10:33 |
| S86 | 71 | second near3 queu\$5 with sort\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 10:33 |
| S87 | 48 | S85 and S86 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 10:49 |
| S88 | 3902 | 710/5,6,52,54,36,39,40,42,43. ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 10:51 |
| S89 | 208 | S88 and S79 same S80 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 10:52 |

| S90 | 50 | first near3 sort with queu\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 11:45 |
|-----|-----|--|---|----|------|------------------|
| S91 | 163 | first near3 sort\$5 with queu\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON . | 2005/09/22 11:51 |
| S92 | 59 | second near3 sort\$5 with queu\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 11:46 |
| S93 | 45 | S91 and S92 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 11:46 |
| S94 | 43 | second near3 sort\$5 with algorithm | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 11:52 |
| S95 | 148 | first near3 sort\$5 with algorithm | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 11:51 |
| S96 | 21 | S94 and S95 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 11:51 |
| S97 | 45 | (first near3 sort\$5) same (second near3 sort\$5) same algorithm | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 12:09 |
| S98 | 476 | (first near3 sort\$5) same (second near3 sort\$5) same method | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 12:09 |
| S99 | 476 | (first near3 sort\$5) same (second near3 sort\$5) same method\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 12:20 |

| S10 0 | 89 | (first near3 sort\$5) same (second near3 sort\$5) same criteri\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 12:10 |
|----------|-----|---|---|----|----|------------------|
| S10 1 | 384 | (first near3 sort\$5) with (second near3 sort\$5) same method\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 14:43 |
| S10 2 | 173 | S99 and (dasd or drive) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 12:20 |
| S10 3 | 607 | ((first near3 sort\$5) with (second near3 sort\$5)).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 14:43 |
| S10 4 | 915 | ((first near3 sort\$5) and (second near3 sort\$5)).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 14:43 |
| S10 5 | 14 | S104 and "710"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/22 14:44 |